

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5960349").PN.	USPAT; USOCR	OR	OFF	2005/09/15 08:57
S2	2	("0232618").PN.	USPAT; USOCR; EPO	OR	OFF	2005/09/13 17:52
S3	0	("UK232618").PN.	USPAT; USOCR; EPO	OR	OFF	2005/09/13 17:52
S4	0	("UK2320618").PN.	USPAT; USOCR; EPO	OR	OFF	2005/09/13 17:52
S5	3	("2320618").PN.	USPAT; USOCR; EPO	OR	OFF	2005/09/13 17:52
S6	1	weight near factor near antenna near beam	US-PGPUB; USPAT	OR	ON	2005/09/13 18:02
S7	4	weight near factor same antenna near beam	US-PGPUB; USPAT	OR	ON	2005/09/13 18:11
S8	1165	455/424	US-PGPUB; USPAT	OR	ON	2005/09/13 18:12
S9	2	455/424 and directional near antenna and beam and form\$5 near cell	US-PGPUB; USPAT	OR	ON	2005/09/13 18:25
S10	1165	455/424 adaptive near direction\$3 near antenna	US-PGPUB; USPAT	OR	ON	2005/09/13 18:25
S11	1165	455/424 adaptive near direction\$3 near antenna	US-PGPUB; USPAT	OR	ON	2005/09/13 18:25
S12	1	455/424 and adaptive near direction\$3 near antenna	US-PGPUB; USPAT	OR	ON	2005/09/13 18:26
S13	26	455/424 and adaptive same direction\$3 same antenna	US-PGPUB; USPAT	OR	ON	2005/09/13 18:34
S14	31	455/424 and divid\$4 near cell	US-PGPUB; USPAT	OR	ON	2005/09/14 16:52
S15	1	455/424 and beam near form\$4 near cell and divid\$4 near cell	US-PGPUB; USPAT	OR	ON	2005/09/13 18:35
S16	18310	divid\$4 near (cell antenna near beam)	US-PGPUB; USPAT	OR	ON	2005/09/14 16:10
S17	209	divid\$4 near (cell antenna near beam) and (weight\$4 near factor)	US-PGPUB; USPAT	OR	ON	2005/09/14 16:10
S18	157	divid\$4 near (cell antenna near beam) and (weight\$4 near factor) and equal	US-PGPUB; USPAT	OR	ON	2005/09/14 16:11

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S19	8	divid\$4 near (cell antenna near beam) and (weight\$4 near factor) and equal and "455".class.	US-PGPUB; USPAT	OR	ON	2005/09/14 16:11
S20	0	("2002/0137547").URPN.	USPAT	OR	ON	2005/09/14 16:30
S21	12910	weight\$4 near factor	USPAT	OR	ON	2005/09/14 16:30
S22	63	equal near weight\$4 near factor	USPAT	OR	ON	2005/09/14 16:33
S23	14	equal near weight\$4 near factor and sector	USPAT	OR	ON	2005/09/14 16:34
S24	9	equal near weight\$4 near factor and cell	USPAT	OR	ON	2005/09/14 16:36
S25	8	equal\$4 near sum near weight\$4 near factor	USPAT	OR	ON	2005/09/14 16:36
S26	20	455/424 and weight\$4 near factor	US-PGPUB; USPAT	OR	ON	2005/09/14 18:28
S27	9410	weight near (factor coefficient)	US-PGPUB; USPAT	OR	ON	2005/09/14 18:28
S28	2677	weight near coefficient	US-PGPUB; USPAT	OR	ON	2005/09/14 18:28
S29	127	weight near (factor coefficient) and power and cell and sector	US-PGPUB; USPAT	OR	ON	2005/09/14 18:29
S30	56	weight near (factor coefficient) and power and cell and sector and antenna	US-PGPUB; USPAT	OR	ON	2005/09/14 18:30
S31	56	(weight near (factor coefficient)) and power and cell and sector and antenna	US-PGPUB; USPAT	OR	ON	2005/09/14 18:33
S32	14	determin\$4 near (weight near (factor coefficient)) and power and cell and sector and antenna	US-PGPUB; USPAT	OR	ON	2005/09/14 18:49
S33	0	determin\$4 near sum\$4 near (weight near (factor coefficient)) and power and cell and sector and antenna	US-PGPUB; USPAT	OR	ON	2005/09/14 18:49
S34	2	sum same determin\$4 near (weight near (factor coefficient)) and power and cell and sector and antenna	US-PGPUB; USPAT	OR	ON	2005/09/14 18:49
S35	19	diversity and antenna near element and weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/15 10:02
S36	259	(calculat\$4 determin\$4) near weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/15 10:03
S37	5	(calculat\$4 determin\$4) near weight near factor and antenna near element	US-PGPUB; USPAT	OR	ON	2005/09/15 10:11
S38	37	(weight near factor) same sum\$5 same power	US-PGPUB; USPAT	OR	ON	2005/09/15 10:12

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S39	3	("5412686"   "6070086"   "6295289").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/15 10:19
S40	1	weight near factor near antenna near beam	US-PGPUB; USPAT	OR	ON	2005/09/15 13:16
S41	4	weight near factor same antenna near beam	US-PGPUB; USPAT	OR	ON	2005/09/15 13:18
S42	652	455/562.1	US-PGPUB; USPAT	OR	ON	2005/09/15 13:19
S43	14	455/562.1 and weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/15 13:28
S44	49	sum\$4 near weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/15 16:39
S45	1	("6741188").PN.	USPAT; USOCR	OR	OFF	2005/09/15 16:31
S46	211	butler near method	US-PGPUB; USPAT	OR	ON	2005/09/15 16:39
S47	13	bultar near matrix	US-PGPUB; USPAT	OR	ON	2005/09/15 16:40
S48	1192684	determin\$4 near weight (factor coefficient)	US-PGPUB; USPAT	OR	ON	2005/09/15 16:54
S49	327	determin\$4 near weight near (factor coefficient)	US-PGPUB; USPAT	OR	ON	2005/09/15 16:54
S50	501	(determin\$4 calculat\$4) near weight near (factor coefficient)	US-PGPUB; USPAT	OR	ON	2005/09/15 16:55
S51	113	(determin\$4 calculat\$4) near weight near (factor coefficient) and antenna	US-PGPUB; USPAT	OR	ON	2005/09/15 17:10
S52	3	(determin\$4 calculat\$4) near weight near (factor coefficient) and antenna and sum\$5 near weight	US-PGPUB; USPAT	OR	ON	2005/09/16 12:15
S53	95	equal near beam near power	US-PGPUB; USPAT	OR	ON	2005/09/16 12:15
S54	14	equal near beam near power and weight	US-PGPUB; USPAT	OR	ON	2005/09/16 12:15
S55	3	equal near beam near power and weight and antenna	US-PGPUB; USPAT	OR	ON	2005/09/16 12:18
S56	322	455/456.2	US-PGPUB; USPAT	OR	ON	2005/09/16 12:18
S57	1434	455/456.1	US-PGPUB; USPAT	OR	ON	2005/09/16 12:19
S58	0	455/462.1	US-PGPUB; USPAT	OR	ON	2005/09/16 12:19
S59	652	455/562.1	US-PGPUB; USPAT	OR	ON	2005/09/16 12:19

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S60	2	455/562.1 and equal near beam near power	US-PGPUB; USPAT	OR	ON	2005/09/16 12:21
S61	1	((("20020086708") or ("6005516"))). PN.	USPAT; USOCR	OR	OFF	2005/09/16 12:22
S62	2	((("20020086708") or ("6005516"))). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/16 12:22
S63	0	S62 and eaqual near beam	US-PGPUB; USPAT	OR	ON	2005/09/16 12:23
S64	0	S62 and equal near beam	US-PGPUB; USPAT	OR	ON	2005/09/16 12:23
S65	0	S62 and equal near power	US-PGPUB; USPAT	OR	ON	2005/09/16 12:23
S66	1	S62 and equal same beam	US-PGPUB; USPAT	OR	ON	2005/09/16 12:23
S67	0	digital near beam near form\$4 and comlex near weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/16 17:47
S68	3	digital near beam near form\$4 and complex near weight near factor	US-PGPUB; USPAT	OR	ON	2005/09/17 11:44
S69	673	342/375	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S70	187	342/375 and weight	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S71	940	342/375 455/121	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S72	270	455/121	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S73	12	455/121 and beam and weight	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S74	5371	370/342	US-PGPUB; USPAT	OR	ON	2005/09/17 11:45
S75	189	370/342 and weight and beam	US-PGPUB; USPAT	OR	ON	2005/09/17 11:46
S76	41	455/446 and weight and beam	US-PGPUB; USPAT	OR	ON	2005/09/17 11:46
S77	1176	455/446	US-PGPUB; USPAT	OR	ON	2005/09/17 11:46
S78	348	455/63.1	US-PGPUB; USPAT	OR	ON	2005/09/17 11:46
S80	25	455/63.1 and weight and beam	US-PGPUB; USPAT	OR	ON	2005/09/17 11:47
S81	834	342/373	US-PGPUB; USPAT	OR	ON	2005/09/17 11:47

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S82	248	342/373 and weight and beam	US-PGPUB; USPAT	OR	ON	2005/09/17 11:47
S83	1225	342/372	US-PGPUB; USPAT	OR	ON	2005/09/17 11:47
S84	346	342/372 and weight and beam	US-PGPUB; USPAT	OR	ON	2005/09/17 11:47
S85	1	"0016008.5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 17:31
S86	0	("16008.5").PN.	USPAT; USOCR	OR	OFF	2006/03/05 17:31
S87	2	"0201672"	US-PGPUB; USPAT	OR	ON	2006/03/05 17:32
S88	33	"0201672"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 17:32
S89	0	wo0201672	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/05 17:32
S91	0	("wo201672").PN.	USPAT; USOCR	OR	OFF	2006/03/05 17:33
S92	0	"0201672"	EPO	OR	ON	2006/03/05 17:33
S93	33	"0201672"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:45
S94	3	complex near weight near factor and digital near beam near forming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:47
S95	30	complex near weight near factor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:51

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S96	490	digital near beam near forming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:52
S97	271	antenna near array and digital near beam near forming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:53
S98	3	antenna near array and digital near beam near forming and divid\$4 near antenna near beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:54
S99	27	antenna near array and digital near beam near forming and divid\$4 with antenna with beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 08:55
S10 0	75	antenna near array and digital near beam near forming and divid\$4 with antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 09:07
S10 1	1301	455/424	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 09:08
S10 2	27	455/424 and beam near forming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 09:08
S10 3	621285	weight near factor same equal same sum and antenna array	US-PGPUB; USPAT	OR	ON	2006/09/12 11:19
S10 4	2	weight near factor same equal same sum and antenna near array	US-PGPUB; USPAT	OR	ON	2006/09/12 11:22
S10 5	386	equal same sum same weight same factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:22
S10 6	121	equal same sum same weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:22

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S10 7	65	equal same sum with weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:22
S10 8	20	equal near sum with weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:23
S10 9	4	determine near weight near factor and weight near factor same sum same equal	US-PGPUB; USPAT	OR	ON	2006/09/12 11:38
S11 0	1	sum near weight near factor same (cell or sector) same equal	US-PGPUB; USPAT	OR	ON	2006/09/12 11:26
S11 1	0	determine near weight near factor same sector same equal near sum	US-PGPUB; USPAT	OR	ON	2006/09/12 11:39
S11 2	0	equal near sum near weight near factor same sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:39
S11 3	0	equal with sum near weight near factor same sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:39
S11 4	0	equal with sum with weight near factor same sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:40
S11 5	0	equal near sum near weight near factor same sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:40
S11 6	0	equal near weight near factor same sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:40
S11 7	47	equal near weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:41
S11 8	0	equal near weight near factor and beam and sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:43
S11 9	1	equal near sum same weight near factor and beam and sector	US-PGPUB; USPAT	OR	ON	2006/09/12 11:51
S12 0	56	antenna near array and beam near for\$5 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 11:52
S12 1	5	antenna near array and beam near for\$5 and sum with weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 12:14
S12 2	2	YLITALO near JUHA and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 13:45
S12 3	39	(YLITALO near2 JUHA ).in.	US-PGPUB; USPAT	OR	ON	2006/09/12 15:23
S12 4	399	(455/424).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:23
S12 5	1	S124 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:24
S12 6	762	(455/562.1).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:24
S12 7	7	S126 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:25

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S12 8	244	(455/121).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:26
S12 9	448	(455/446).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:26
S13 0	708	(455/423).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:26
S13 1	0	(455/562).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:26
S13 2	1515	455/562	US-PGPUB; USPAT	OR	ON	2006/09/12 15:27
S13 3	12	455/562 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:27
S13 4	1007	(455/63.1).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:27
S13 5	5	S134 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:33
S13 6	2	weight near factor same equal near sum and antenna near array	US-PGPUB; USPAT	OR	ON	2006/09/12 15:53
S13 7	2097	(370/342).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:48
S13 8	7	S137 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:49
S13 9	315	(342/375).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:49
S14 0	3	S139 and weight near factor	US-PGPUB; USPAT	OR	ON	2006/09/12 15:50
S14 1	594	(342/372).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:50
S14 2	444	(342/373).CCLS.	USPAT; USOCR	OR	OFF	2006/09/12 15:50